

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/800,672	03/16/2004	Shinichi Kondo	Q80286	3007
23373 7590 03/08/2007 SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037			EXAMINER	
			ASINOVSKY, OLGA	
			ART UNIT	PAPER NUMBER
			1711	
SHORTENED STATUTORY PER	RIOD OF RESPONSE	MAIL DATE	DELIVERY MODE	
3 MONTHS		03/08/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

N.

1) Responsive to communication(s) filed on telephone request12/18/2006 and 12/20/20. 2a This action is FINAL. 2b This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Queyle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims	,	Application No.	Applicant(s)				
Olga Asinovsky - The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - If NO period for reply is specified above, the macentum standards and replacements and the specified sheet in the specified and the specified sheet in specified above, the macentum standards and replacements and specified sheet in specified sheet in specified above, the first sheet in the price motion and replacement. See 37 CFR 1.704(b). Status 1) ☑ Responsive to communication(s) filed on telephone request12/18/2006 and 12/20/20. 2a) ☑ This action is FINAL. 2b) ☑ This action is non-final. 3) ☑ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☑ Claim(s) ±5 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5□ Claim(s) is/are allowed. 5□ Claim(s) is/are objected to. 8) ☑ Claim(s) is/are objected to. 8) ☑ Claim(s) is/are objected to. 9) ☑ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) objected to by the Examiner. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) objected to by the Examiner. 11) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). 12) ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)	Office Action Summan	10/800,672	KONDO ET AL.				
The MALING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Enactions of the reny by a shaeline under the provisors of 37 CFR 1.138(), in the reny through the provision of 37 CFR 1.138(), in the reny through the provision of 37 CFR 1.138(), in the reny through the south of the communication. If NO period for reply is possible drove, the maintenant statistics period will apply and will expire SIX (8) MONTH's from the mailing date of this communication. Failure to reply which has done contacted period for reply in specified above, the maintenant period in the specification to become MASHOCHED (38 U.S. £, 133). Any reply includes by the Olicia blast where months after the mailing date of this communication, even if smerp fixed, may reduce any control part that the specification of the specification is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ○ Claim(s) 1.5 is/are pending in the application. 4) ○ Claim(s) 1.5 is/are rejected. 7) ○ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. 11) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. 12) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. 12) □ The drawing(s) filed on is objected to by the Examiner. Note the	Office Action Summary	Examiner	Art Unit				
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MALINE DATE OF THIS COMMUNICATION. Betherline is the map by a welfable loader the proteins of 3 CER 1.58(a). In a weart, flowers, may a party be limity filled after the proteins of this communication. If NO period for may be sometime to accommendation. If NO period for may be sometime to accommendation. If NO period for may be sometime to the proteins of the communication. If NO period for may be sometime to the communication. Any reply received by the Office liter than three months after the maline, classes the application to become ASHING/RED (SS U.S. § 13.5). Any reply received by the Office liter than three months after the maline, classes the application to become ASHING/RED (SS U.S. § 13.5). Any reply received by the Office liter than three months after the maline, classes the application to become ASHING/RED (SS U.S. § 13.5). Any reply received by the Office liter than three months after the maline, classes the application to become ASHING/RED (SS U.S. § 13.5). Any reply received by the Office liter than three months after the maline, classes the application of the maline and the protein of the application is non-final. 1) □ Responsive to communication(s) filled on (elephone request 12/18/2006 and 12/20/20. 2a) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) □ Claim(s) 1.5 is/are pending in the application. 4) □ Claim(s) 1.5 is/are a pending in the application. 4) □ Claim(s) 1.5 is/are a place of the priodic and the application is objected to by the Examiner. 10 □ The drawing(s) filed on 1.5 is/are withdrawn from consideration. 20 □ Claim(s) 1.5 is/are objected to by the Examiner. 21 □ Claim(s) 1.5 is/are objected to by the Examiner. 22 □ Crimine of Decision of the priodic and the correction is requ		,					
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of the may be waited under the provision of 3 CPR 1.35(a). In a cevent, however, may a reply be timely flied after SIX (6) MCNTRS from the mailing date of this communication. And the state SIX (6) MCNTRS from the mailing date of this communication. The state of the communication of the c	The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
1) Responsive to communication(s) filed on telephone request12/18/2006 and 12/20/20. 2a This action is FINAL. 2b This action is non-final. 3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Queyle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims	 WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any 						
2a) ☐ This action is FINAL. 2b) ☐ This action is non-final. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☐ Claim(s) 1-5 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) 1-5 is/are rejected. 7) ☐ Claim(s) 1-5 is/are rejected. 7) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. Sea 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO/S808) 5) ☐ Notice of Informal Patent Application 9 ☐ Other: 10 ☐ Notice of Informal Patent Application 9 ☐ Other:	Status						
2a) ☐ This action is FINAL. 2b) ☐ This action is non-final. 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☐ Claim(s) 1-5 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) 1-5 is/are rejected. 7) ☐ Claim(s) 1-5 is/are rejected. 7) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. Sea 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO/S808) 5) ☐ Notice of Informal Patent Application 9 ☐ Other: 10 ☐ Notice of Informal Patent Application 9 ☐ Other:	1) Responsive to communication(s) filed on telep	hone request12/18/2006 and 12/	20/20.				
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) □ Claim(s) 1-5 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are objected to. 8) □ Claim(s) is/are objected to. 8) □ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☒ All b) □ Some * c) □ None of: 1. ☒ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☒ Notice of Draftsparson's Patent Drawing Review (PTO-948) 3) □ Information Disclosure Statement(s) (PTO/SB/08) 5) □ Notice of Informal Patent Application 6) □ Other:			 -				
Algorithms Algor	3) Since this application is in condition for allowa						
4)		•					
4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are objected to. 7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The specification is objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1 Certified copies of the priority documents have been received. 2 Certified copies of the priority documents have been received in Application No 3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 6) Other:	Disposition of Claims	•					
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 5) Notice of Informal Patent Application e) Other:	4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☑ Claim(s) <u>1-5</u> is/are rejected. 7) ☐ Claim(s) is/are objected to.						
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application Paper No(s)/Mail Date	Application Papers						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☑ Notice of References Cited (PTO-892) 2) □ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) □ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 5) □ Notice of Informal Patent Application Paper No(s)/Mail Date	10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
a) \[All \] b) \[Some * c) \[None of: \] 1. \[Certified copies of the priority documents have been received. \] 2. \[Certified copies of the priority documents have been received in Application No \] 3. \[Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) \[Notice of References Cited (PTO-892)	Priority under 35 U.S.C. § 119						
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 4) Interview Summary (PTO-413) Paper No(s)/Mail Date 5) Notice of Informal Patent Application 6) Other:	12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).						
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 5) Notice of Informal Patent Application Other:	Attachment(s)						
S Palent and Trademark Office	2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date	Paper No(s)/Mail Da 5)	ite				

Application/Control Number: 10/800,672 Page 2

Art Unit: 1711

1. Response to Arguments

Per telephone request by the attorney Jennifer Leach on December 18, 2006 about obviousness-type double patenting rejection, the present application 10/800,672 is withdrawn from issue pursuant to 37 CFR 1.313. Withdrawal of Notice of Allowance mailed on December 20, 2006.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- 3. (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 4. Claims 1-5 are rejected under 35 U.S.C. 102(b) as being anticipated by Pub. No.:US 2002/0161131 A1.

The present claims 1-5 discloses a process for producing a modified polyethylene resin by melt kneading condition in the presence of a compound having unsaturated carboxylic acid or a derivative thereof and an organic peroxide.

Reference Pub. No. 2002/0161131 discloses the analogous process condition for producing an acid modified polypropylene resin. The "polypropylene resin" can include a polymerized propylene unit and an alpha-olefin having 4 to 12 carbon atoms, and/or another segment of a propylene/ethylene random copolymer [0021]. Propylene resin and polyethylene resin belong to the same type of polyolefin resin. The claimed process conditions are similar to the process for making acid modified polypropylene resin in

Application/Control Number: 10/800,672

Art Unit: 1711

Pub. No.: US2002/0161131 A1. The claimed process for producing polyethylene resin is fully anticipated by the process condition in the disclosure in US 2002/0161131 A1.

Page 3

Claim Rejections - 35 USC § 103

- 5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 6. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Motooka et al U.S. Patent 4,616,059.
- 7. The claimed invention is a process for producing a modified polyethylene resin by melt kneading of a polyethylene resin (A), at least one modifier (B) that can be (B1) and/or (B2) specified in the present claim 1, and an organic peroxide (C) having a decomposition temperature of from 50 to 115 C, at which temperature a half-life thereof is 1 minute.

Motooka discloses graft-modified polyethylene (A) with an unsaturated carboxylic acid (C) under melt-kneading condition in the presence of (B) an aliphatic compound such as paraffinic wax, col. 2, lines 46-54; col. 4, lines 7-14. The graft-modification is carried out in the presence of organic peroxides, col. 8, lines 49-65. Organic peroxides are readable for being claimed (C) organic peroxide. The claimed specified organic peroxide such as dicetyl peroxydicarbonate in the present claim 3 is readable for being an organic peroxide having a decompositional temperature in the broad range of from

Art Unit: 1711

50 to 115 C and said organic peroxide is working within the same expectation for obtaining the adequate result. The ultrahigh molecular weight polyethylene (A) is readable for being claimed polyethylene resin (A) because any polyethylene is readable in the present claims. An unsaturated carboxylic acid, col. 6, lines 36-51, is readable for being claimed compound (B1).

The difference between the claimed invention and Motooka invention is that Motooka discloses an addition of paraffinic wax. The variety of waxes can include polyethylene waxes and oxidized waxes or alpha, beta-unsaturated acid-modified waxes such as the oxidation products or maleinized products of the above-exemplified waxes, col. 6, lines 2-15. Also, the compound (B) can include an aliphatic compound having functional group, col. 6, lines 19-26. The paraffinic waxes having at least two functional groups in Motooka invention can be considered as claimed (B2) compound. Any additional component(s) in Motooka invention can be expected in the claimed modified polyethylene resin. The method for producing the modified polyethylene resin in the present claims is readable in Motooka invention.

It would have been obvious to one of ordinary skill in the art to use a method of graft-modification of ultrahigh-molecular weight polyethylene (UHMW) in Motooka invention and to consider that said UHMW polyethylene is within the scope of claimed polyethylene resin, and the addition paraffinic wax can be present as addition component B2, because the present compound (B) can include both (B1) and (B2) compounds, and thereby obtain the claimed requirement.

In light of the new applied reference, this action is not final.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Olga Asinovsky whose telephone number is 571-272-1066. The examiner can normally be reached on 9:00 to 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Seidleck can be reached on 571-272-1078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Olga Asinovsky Examiner Art Unit 1711

March 05, 2007

James J. Seidleck
Supervisory Patent Examiner
Technology Center 1700